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June 9-13, 1996, Tampere, Finland

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Preface

Dear Friends and Colleagues

On behalf of the International Society for Bioelectromagnetism, the Ragnar Granit Institute and the Ragnar Granit Foundation, I welcome you to the 1st International Conference on Bioelectromagnetism. This series of conferences was established because the electric and magnetic fields are, on the basis of Maxwell's equations, inseparable, and therefore bioelectric and biomagnetic fields should be discussed in the same connection. In this way we get the most use of bioelectric and biomagnetic phenomena.

Bioelectric and biomagnetic phenomena have been a central theme in the World Congresses of Biomedical Engineering. But starting a new series of conferences under the title of bioelectromagnetism emphasizes the importance of this discipline.

This conference is organized jointly with the 10th Nordic-Baltic Conference on Biomedical Engineering. In addition to the aforementioned, this conference has attracted a large number of well known scientists from altogether 20 countries from all over the world to submit 150 papers for oral and poster presentations. The papers represent all main aspects of bioelectromagnetism. They are divided to four tracks which include altogether 20 themes. The conference program also includes seven State-of-the-Art lectures from different subfields of bioelectromagnetism, one of these lecturers being Nobel Prize winner Ivan Giaever.

Though this conference is the first one of its kind, the active worldwide participation encourages me to believe, that the series of International Conferences on Bioelectromagnetism will get a good start and I am looking forward to meeting all of you and other colleagues in the 2nd International Conference on Bioelectromagnetism.

Jaakko Malmivuo
President of the conference

**The 10th Nordic-Baltic Conference on Biomedical Engineering
The 1st International Conference on Bioelectromagnetism**

June 9-13, 1996, Tampere Finland

Organized by

the Ragnar Granit Institute, Tampere University of Technology
the Ragnar Granit Foundation

In Cooperation with

the Finnish Society for Medical Physics and Medical Engineering
the International Society for Bioelectromagnetism (ISBEM)

Under the Auspices of

the International Federation for Medical Physics and Biomedical Engineering (IFMBE)
the IEEE Engineering in Medicine and Biology Society (IEEE EMBS)
the European Society for Engineering in Medicine (ESEM)

Supported by

the Academy of Finland
the City of Tampere

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